

ABSTRACT OF THE DISCLOSURE

A pipe fitting for pipes has a coating having a high mechanical and/or chemical resistance, a first tubular portion adapted to be connected to the pipe (2) and a second portion (8) adapted to connect with another pipe fitting. The first tubular portion has an inside coating made of a material having a high mechanical and/or chemical resistance. The pipe fittings are installed in a first step wherein an inside layer of the pipes, at one of their ends, is removed to obtain a housing, and a second step wherein the first tubular portion of the pipe fitting is introduced into the housing.